



Amendments to the Claims

- 1-12. (canceled)
13. (withdrawn) A method for making an aggregate of aggregation-prone polypeptides comprising obtaining a solution of the aggregation-prone polypeptides, freezing the solution containing the polypeptides, incubating the frozen polypeptides in a frozen state, and permitting the aggregates to form.
14. (withdrawn) The method of claim 13 wherein the aggregation-prone polypeptide contains a polyglutamine repeat sequence.
15. (withdrawn) The method of claim 14 wherein the solution comprises polypeptides comprising a polyglutamine repeat sequence of at least Q₃₅.
16. (withdrawn) The method of claim 13 wherein the freezing is a snap freezing.
17. (withdrawn) The method of claim 13 which further comprises sonicating the aggregates.

18. (withdrawn) The method of claim 17 which comprises, after the sonicating, filtering the aggregates.

19. (withdrawn) The method of claim 18 wherein the filtration is through a membrane filter.

20. (withdrawn) The method of claim 19 wherein the membrane filter is a 1.2 μm membrane filter.

21. (currently amended) An in vitro produced aggregate comprising a multiplicity of peptides comprising a polyglutamine repeat sequence wherein said aggregate is in the form of a filament having a diameter of between 1 nm and 10 nm ~~less than 10 nm~~ and a length between 20 nm and 100 nm ~~of less than 100 nm~~.

22. (original) The aggregate of claim 21 wherein the diameter is less than about 7 nm.

23. (original) The aggregate of claim 22 wherein the diameter is less than about 3 nm.

24. (original) The aggregate of claim 21 wherein the length is less than about 75 nm.

25. (original) The aggregate of claim 24 wherein the length is less than about 60 nm.

26. (previously presented) The aggregate of claim 21 wherein at least one peptide in the aggregate comprises a polyglutamine repeat sequence of at least 16 glutamine residues.

27. (withdrawn) An in vitro produced aggregate that is made by the method of claim 13.

28. (withdrawn) An in vitro produced aggregate that is made by the method of claim 17.

29. (withdrawn) An in vitro produced aggregate that is made by the method of claim 18.

30-49. (canceled)

50. (previously presented) The aggregate of claim 21 that has been processed by sonication.

51. (previously presented) A multiplicity of the aggregate of claim 21, wherein the aggregates have been filtered to obtain increased uniformity of size of the aggregates.

52. (previously presented) The aggregate of claim 21 that has been produced by obtaining a solution of non-aggregated peptides containing a polyglutamine repeat sequence, freezing the solution containing the peptides, incubating the peptides in the frozen solution, and permitting the aggregates to form.

53. (previously presented) The aggregate of claim 52 wherein the incubation is at a temperature of between -10°C to -50°C .